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Application. No. 10/702,202
Amendment B

Amendments To The Claims

Claim 1 (currently amended): A cathode plate of a field emission display comprising:

a cathode substrate of the field emission display; and

a plurality of emitter lines formed on the cathode substrate;

each emitter line having electron emitting material continuously extending across multiple, separately addressable regions of the cathode substrate, each region adapted to emit electrons therefrom;

wherein there is no separating structure positioned in between portions of the electron emitting material forming an emitter line on the surface of the cathode substrate.

Claim 2 (original): The cathode plate of Claim 1 further comprising a plurality of linear isolation barriers attached to the cathode substrate, wherein the plurality of linear isolation barriers separate a respective one or more of the plurality of emitter lines from others of the plurality of emitter lines.

Claim 3 (original): The field emission display of Claim 2 wherein the linear isolation barriers are adapted to contact a plurality of gate wires of a gate frame and dampen vibrations from a driving frequency.

Claim 4 (original): The cathode plate of Claim 2 wherein each one of the plurality of emitter lines is positioned between a respective two of the plurality of linear isolation barriers.

Claim 5 (original): The cathode plate of Claim 2 wherein the plurality of linear isolation barriers comprise a plurality of ribs.

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Claim 6 (original): The cathode plate of Claim 1 further comprising a plurality of in-laid isolation barriers formed with a depth of a top surface of the cathode substrate, wherein each one or more of the plurality of emitter lines is formed within a respective one of the plurality of in-laid isolation barriers.

Claim 7 (original): The cathode plate of Claim 6 wherein portions of the top surface of the cathode substrate in between respective ones of the plurality of in-laid linear isolation barriers are adapted to contact a plurality of gate wires of a gate frame and dampen vibrations from a driving frequency.

Claim 8 (original): The cathode plate of Claim 6 wherein each one of the plurality of emitter lines is positioned within the respective one of the plurality of in-laid isolation barriers.

Claim 9 (original): The cathode plate of Claim 6 wherein the plurality of in-laid isolation barriers comprises a plurality of trenches.

Claim 10 (original): The cathode plate of Claim 1 further comprising an alignment barrier attached to the cathode substrate for positionally aligning other components of the field emission display on the cathode substrate.

Claim 11 (currently amended): The cathode plate of Claim 1 wherein the plurality of emitter lines each comprise a substantially smooth layer of the electron emitting material formed on the cathode substrate.

Claim 12 (currently amended): The cathode plate of Claim 1 wherein the

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electron emitting material of each of the plurality of emitter lines comprises each
~~comprise~~ a plurality of conical emitters deposited closely together in a linear fashion on
the cathode substrate.

Claim 13 (currently amended): The cathode plate of Claim 1 wherein the
electron emitting material of each of the plurality of emitter lines comprises each
~~comprise~~ a plurality of emitter portions deposited on a surface of the cathode substrate,
wherein there is no separating structure positioned in between adjacent emitter
portions on the surface of the cathode substrate.

Claim 14 (currently amended): The cathode plate of Claim 1 wherein the
electron emitting material of each of the plurality of emitter lines comprises each
~~comprise~~ a continuous line of deposited emitter material extending across the cathode
substrate.

Claims 15-44 (canceled)